

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. Cancelled.

5. (Currently Amended) A continuous emulsification equipment for producing a type of process cheese comprising:

a heating equipment comprising a heating device for heating a type of process cheese and an agitation device for agitating the type of process cheese at any agitation intensity,

a holding pipe one end of which is connected to an outlet of the heating equipment and a back pressure regulating valve is provided,

a cooling device for cooling the type of process cheese which is connected to an end of the holding pipe, and

a carrying [[out]] pipe ~~one end of which is connected to an outlet of the cooling device for~~ carrying the type of process cheese, which is already emulsified, ~~from the cooling device, one end of which is connected to an outlet of the cooling device, and another end of which leads toward a~~ molding and filling equipment,

wherein an oscillating viscometer is provided to the holding pipe or the carrying [[out]] pipe,

wherein a transducer of the oscillating viscometer is put into a mold form comprising a ~~coating material~~ made of fluorocarbon resin and is ~~configured to be immersed in the type of~~ process cheese flowing in the holding pipe or the carrying [[out]] pipe such that the transducer is not directly contacted with the type of process cheese; and

wherein an output line showing detected values by the transducer, ~~when immersed,~~ is connected with a display device, a recording device, and/or a printing device.

6. (Original) A continuous emulsification equipment according to claim 5, wherein the continuous emulsification equipment further comprises a control equipment for controlling automatically agitation intensity of the agitation device and/or opening of the back pressure regulating valve such that the detected values of the transducer becomes near a target value which is set in advance.

7-8. Cancelled.

9. (Currently Amended) A continuous production equipment for producing a type of process cheese comprising a kneader for kneading ingredients for the type of process cheese, the continuous emulsification equipment according to one of claims 5 and 6 ~~to 8~~, and a molding and filling equipment for molding and filling the type of process cheese which is sent through the carrying out pipe of the continuous emulsification equipment, and thereby a type of process cheese product is produced.